1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME          SILICA GEL WHITE
SUPPLIER

EMERGENCY TELEPHONE

2 HAZARDS IDENTIFICATION

Irritating to eyes.

CLASSIFICATION       X1,R36.

3 COMPOSITION/INFORMATION ON INGREDIENTS

EC No.              231-645-4
GROSS FORMULA       SiO2
CAS-No.             7631-86-9

COMPOSITION COMMENTS
Active ingredient: 96-100%.

4 FIRST-AID MEASURES

INHALATION
Move the exposed person to fresh air at once. For breathing difficulties oxygen may be necessary. If breathing stops, provide artificial respiration. Get medical attention if any discomfort continues.

INGESTION

SKIN CONTACT
Wash skin thoroughly with soap and water for several minutes. Get medical attention if irritation persists after washing.

FIRE/FIGHTING MEASURES

EXTINGUISHING MEDIA
The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials.

PROTECTIVE MEASURES IN FIRE
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of dust.

SPILL CLEAN UP METHODS
Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Avoid the formation of dust. Dampen spillage with water if necessary.
7 HANDLING AND STORAGE

USAGE PRECAUTIONS
Avoid spilling, skin and eye contact. Avoid inhalation of dust. Do not eat, drink or smoke when using the product.

STORAGE PRECAUTIONS
Store in tightly closed original container in a dry, cool and well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT

PROCESS CONDITIONS
Provide eyewash station.

ENGINEERING MEASURES
Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT
Wear suitable respiratory protection.

HAND PROTECTION
Wear protective gloves.

EYE PROTECTION
No specific eye protection noted, but may be required anyway.

HYGIENE MEASURES
Wash at the end of each work shift and before eating, smoking and using the toilet.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE
Granules or beads.

COLOUR
White

ODOUR
Odourless

SOLUBILITY
Not soluble in water.

DECOMPOSITION TEMPERATURE
>1800 °C

10 STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions and recommended use.

HAZARDOUS POLYMERISATION
Will not polymerise.

MATERIALS TO AVOID
Water, steam, water mixtures.

HAZARDOUS DECOMPOSITION PRODUCTS
None under normal conditions.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50
>5000 mg/kg (oral rat)

INHALATION
Dust may irritate respiratory system or lungs. May have long term dust effects.

INGESTION
May cause discomfort if swallowed.

SKIN CONTACT
May cause skin irritation.
EYE CONTACT
May irritate eyes.

12 ECOLOGICAL INFORMATION

LC 50, 96 Hrs, FISH mg/l >10000
EC 50, 48 Hrs, DAPHNIA, mg/l >10000

MOBILITY
Not considered mobile.

DEGRADABILITY
The product is not biodegradable.

ACUTE FISH TOXICITY
Not considered toxic to fish.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION
This material and its container must be disposed of in a safe way.

DISPOSAL METHODS
This material and its container must be disposed of in an approved landfill site in accordance with Local and/or National Waste Disposal Regulations, to prevent a dust hazard.

14 TRANSPORT INFORMATION

GENERAL
The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

15 REGULATORY INFORMATION

LABELLING

REQUEST PHRASES
R36 Irritating to eyes.

SAFETY PHRASES
S22 Do not breathe dust.
S24 Avoid contact with skin.

16 OTHER INFORMATION

GENERAL INFORMATION
The information contained in this Safety Data Sheet is believed to be true and correct, as of the issue date. The accuracy and completeness of this information and any recommendations, or suggestions are made without warranty or guarantee. Since the conditions of use are beyond the control of our company, it is the responsibility of the user to determine the conditions of safe use for this product.

ISSUED BY
K. Jones.

DATE 27/06/2008

DISCLAIMER
This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.